

**Table S1** Sugars, furfural and 5-hydroxymethylfurfural (HMF) derived from rice straw during the *P. ananatis* Sd-1 and Fenton reagent treatment.

	<b>Time</b>	<b>Glucose (g/l)</b>	<b>Xylose (g/l)</b>	<b>Arabinose (g/l)</b>	<b>Furfural (g/l)</b>	<b>HMF (g/l)</b>
<b>RS</b>	<b>1 d</b>	0.0245	0.0272	0.0153	0.037	ND <sup>a</sup>
	<b>2 d</b>	0.0421	0.0187	0.0386	0.018	ND
	<b>3 d</b>	0.0353	0.0318	0.0175	ND	ND
	<b>4 d</b>	0.0482	0.0230	0.0336	ND	ND
	<b>5 d</b>	0.0360	0.0194	0.0227	ND	ND
	<b>6 d</b>	0.0251	0.0283	0.0346	ND	ND
<b>RS + DMSO</b>	<b>1 d</b>	0.0147	0.0182	0.0232	ND	ND
	<b>2 d</b>	0.0129	0.0256	0.0317	ND	ND
	<b>3 d</b>	0.0244	0.0187	0.0239	ND	ND
	<b>4 d</b>	0.0355	0.0221	0.0141	ND	ND
	<b>5 d</b>	0.0192	0.0205	0.0201	ND	ND
	<b>6 d</b>	0.0186	0.0237	0.0262	ND	ND
<b>Control<sup>b</sup></b>		0.0115	ND	ND	ND	ND
<b>Fenton reagent</b>	<b>2 h</b>	0.0354	0.0266	0.0223	0.195	0.137

<sup>a</sup> Not detected

<sup>b</sup> Non-inoculated cultures